

10/567754

IAP5 Rec'd PCT/PTO 10 FEB 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of :  
Akinori ARIMURA : **Mail Stop: PCT**  
Serial No. NEW : Attorney Docket No. 2006-0134A  
Filed February 10, 2006 :  
NOVEL USE OF  
CANNABINOID RECEPTOR AGONIST : THE COMMISSIONER IS AUTHORIZED  
[Corresponding to PCT/JP2004/011745 TO CHARGE ANY DEFICIENCY IN THE  
Filed August 16, 2004] FEE FOR THIS PAPER TO DEPOSIT  
ACCOUNT NO. 23-0975.

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to the provisions of 37 CFR 1.56, 1.97 and 1.98, Applicant requests consideration of the references listed on attached form PTO-1449 and any additional information identified below in paragraph 3. A legible copy of each reference listed on the Form PTO-1449 is enclosed, except a copy is not provided for:

- ☒ each U.S. Patent and U.S. Patent application publication;
- ☐ each reference previously cited in the international application PCT/\_\_\_\_\_; and/or
- ☐ each reference previously cited in prior parent application Serial No.

1a. ☒ This Information Disclosure Statement is submitted:

within three months of the filing date (or of entry into the National Stage) of the above-entitled application, or

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /C.R./

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before the mailing of a first Office Action on the merits or the mailing of a first Office Action after the filing of an RCE,

**and thus no certification and/or fee is required.**

1b. ☐ This Information Disclosure Statement is submitted

after the events of above paragraph 1a and prior to the mailing date of a final Office Action or a Notice of Allowance or an action which otherwise closes prosecution in the application, and thus:

(1) ☐ the certification of paragraph 2 below is provided, **or**

(2) ☐ the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

1c. ☐ This Information Disclosure Statement is submitted:

after the mailing date of a final Office Action or Notice of Allowance or action which otherwise closes prosecution in the application, and prior to payment of the issue fee, and thus:

**the certification of paragraph 2 below is provided, and**

**the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.**

2. It is hereby certified

- a. ☐ that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Statement, or
- b. ☐ that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of the Statement.

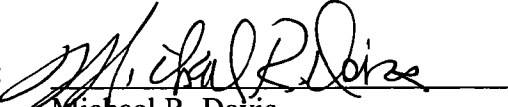
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3. ☐ Consideration of the following list of additional information (including any copending or abandoned U.S. application, prior uses and/or sales, etc.) is requested.
4. For each non-English language reference listed on the attached form PTO-1449, reference is made to:
- a. ☐ a full or partial English language translation submitted herewith,
  - b. ☒ a foreign patent office search report (International Search Report) (in the English language) submitted herewith,
  - c. ☒ the concise explanation contained in the specification of the present application at pages 1-2,
  - d. ☐ the concise explanation set forth in the attached English language abstract,
  - e. ☐ the concise explanation set forth below or on a separate sheet attached to the reference:
5. ☒ A foreign patent office search report (International Search Report) citing one or more of the references is enclosed.

Respectfully submitted,

Akinori ARIMURA

By: 

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February 10, 2006

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FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)  
(Use several sheets if necessary)

Date Submitted to PTO: February 10, 2006

ATTY DOCKET NO.  
2006-0134ASERIAL NO.  
NEW

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APPLICANT  
Akinori ARIMURAFILING DATE  
February 10, 2006

GROUP

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	6,818,640	11/2004	Hanasaki et al.			
	AB	6,916,806	7/2005	Kai et al.			
	AC	2004/0082619	4/2004	Tada et al.			
	AD	5,532,237	7/1996	Gallant et al.			
	AE	6,956,033	10/2005	Ogawa et al.			
	AF	2003/0232855	12/2003	Iwamura et al.			
	AG	2004/0044051	3/2004	Kozlowski et al.			
	AH	6,509,352	1/2003	Inaba et al.			

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AI	99/02499	1/1999	WO			
	AJ	01/19807	3/2001	WO			
	AK	02/072562	9/2002	WO			

## OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

AL	Annick de Vries et al., "The role of sensory nerve ending in nerve growth factor-induced airway hyperresponsiveness to histamine in guinea-pigs", British Journal of Pharmacology, Vol. 134, pages 771-776, 2001.
AM	Ester Fride, "Cannabinoids and Cystic Fibrosis: A Novel Approach to Etiology and Therapy", Journal of Cannabis Therapeutics, 2(1), pages 59-71, 2002.
AN	Gabriel G. Nahas et al., "The Reims Symposium (1978)", Marijuana and Medicine, New York, pages 13-24, March 20-21, 1998.
AO	J.D.P. Graham et al., "Bronchodilator Action of Extract of Cannabis and $\Delta^1$ -Tetrahydrocannabinol", Pharmacology of Marijuana, Vol. 1, pages 269-276, 1976.
AP	Donald P. Tashkin et al., "Effects of Smoked Marijuana in Experimentally Induced Asthma", American Review of Respiratory Disease, 112(3), pages 377-386, 1975.

EXAMINER /Craig Ricci/

DATE CONSIDERED

06/12/2008

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Akinori ARIMURAFILING DATE  
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## U.S. PATENT DOCUMENTS

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	BA						
	BB						
	BC						
	BD						
	BE						
	BF						
	BG						
	BH						
	BI						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	BJ	02/053543	7/2002	WO			
	BK	10-508870	9/1998	Japan			
	BL	02/10135	2/2002	WO			
	BM						
	BN						

## OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

	BO	
	BP	
	BQ	

EXAMINER

/Craig Ricci/

DATE CONSIDERED

06/11/2008

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of form with next communication to applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /C.R./